

Patent

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application of: Xiaodong Wang

Confirmation No. 2021

Serial No.: 10-631,991  
11/631,991

Group Art Unit: 2611

Filed: July 31, 2003

Examiner: WANG, Ted M.

For: Near-Optimal Multiple Input  
Multiple-Output (MIMO) Channel  
Detection via Sequential Monte Carlo

Date: August 3, 2007

**RESPONSE TO ACTION MAILED 8 MAR 2007**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action dated March 3, 2007, applicants herein amend the above-entitled application as follows:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Argument** begin on page 6 of this paper.